



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No.: 10/643,646 Confirmation No.: 5232  
Applicant: Andreas DOCTER et al.  
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Art Unit: 1764  
Examiner: Kaity V. HANDAL  
For: REACTOR SYSTEM FOR HYDROGEN PRODUCTION

Attorney Docket No.: 510.1082  
Customer No.: 23280

Mail Stop: RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 1, 2006

**RESPONSE TO FINAL OFFICE ACTION**

S i r:

In response to the final office action dated May 1, 2006, please reconsider the above-identified patent application based on the following amendments and remarks: